

The College of Sciences have conducted, fostered, hosted or sponsored the following activities:

- 1- On February 14th, **1st place winner of Sharjah Innovation Award** was awarded to Asma **Mohamed Hassan Ahmed Abdalla**, M.Sc. student in Biotechnology and Microbial Analysis at Sharjah Food Lab, Municipality of Sharjah and under the Supervision of Dr. Hassen Hadjkacem for the project titled “**Development of Molecular Techniques for accurate detection of pig is the animal and pork is the meat**”.

Description of the project: The threat posed by food adulteration has moved from being fraudulence to a highly sophisticated business. Thereby, the identification of food origins and compositions is needed for religious, health and conservation regulations reasons. Here in this project, we developed a qualitative and quantitative molecular protocol based on food DNA investigation to detect the presence of Pig DNA in Gelatine based food.



Details :

https://www.sharjah.ac.ae/en/academics/Colleges/Sciences/Pages/evt_detail.aspx?mcid=222&clt=en

- 2- The college of Sciences had contributed in two final projects nominated for the first place of the Sharjah Innovation Award out of three during the innovation exhibition that was held in Sharjah Book Authority during the week of February 8, 2020. In addition to the winners, the projects are:
 - a- Project Entitled: “**Mathematics Modeling of Patterns in Islamic Design**” by Dr. Mostafa Zahri from the Department of Mathematics (**Finalist**)
 - b- Project titled: “**Design of A priority-Base traffic Light Control System for Emergency Vehicles**” BY Dr. Mohammed Azeem from the Department of Applied Physics and Astronomy.



Details

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- 3- The College of Sciences and the Department of Applied Physics and Astronomy have hosted the Prof. Marta Losada, Dean of Science and Professor of Physics at NYU Abu Dhabi on February 9, 2020. During her visit, Prof. Losada have visited the College of Sciences laboratories in M12 and W12, the Advanced Material Research Laboratory. Prof. Losada met with the VC for Academic affairs prof. Elsidig in the presence Prof. Nouar Tabet, Prof. Aattaelmanan Gaffar, Prof. Raed Al Quasmeh, Dr. Ihsan Shehadi and Dr. Rachik Soualah. During her visit, Prof. Losada conducted a seminar titled "'Persistent puzzles and new physics" at 12:00 - 13:00 in room M7-222.



Details :

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- 4- The Department of Applied Physics and Astronomy organized a seminar titled "Sapling Learning: Engaging Students, Empowering Educators" by Mr. Ahmed AL Masri a Higher Education Consultant, Middle East Macmillan International Higher Education – Springer Nature. The Seminar was held on Sunday, February 10, 2020 in M7-222 at 3:00 p.m.



Details

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All Details can be viewed on:

<https://www.sharjah.ac.ae/en/academics/Colleges/Sciences>